

## CLAIMS

1) An apparatus for CRRT therapy of the type performable using a haemofiltration machine, comprising  
5 connecting means (9, 9') from and to respective blood vessels of a patient, blood processing means comprising a pump (3), means for adding drugs or other therapeutic substances (5), means for feeding refill liquid into the blood (6), and blood filtration means (8), cascade-  
10 connected to one another by relative conduits; characterized by comprising an oxygenating device (7).

2) An apparatus as claimed in Claim 1, characterized in that said oxygenating device (7) is located downstream from blood processing means comprising a blood pump (3).

15 3) An apparatus as claimed in Claim 1, characterized in that said oxygenating device (7) is located upstream from the blood filtration means (8).

4) An apparatus as claimed in Claim 1, characterized in that said oxygenating device (7) is located upstream  
20 from the blood filtration means (8) and downstream from blood processing means comprising a blood pump (3).

5) An apparatus as claimed in Claim 1, characterized in that said oxygenating device (7) comprises an oxygenating membrane (71); is connected to an oxygen tank  
25 (78), and has an outlet (70) through which carbon dioxide is eliminated.